

October 3, 2019

Graduate Student Assistant, - UAS 1645  
Telescope MoonTrek (ECST)

Salary Range: \$15.00/ hourly

Work Schedule. This is a student, part-time position; Monday – Friday, up to 15 hours per week; non-exempt position. This position is not eligible for benefits.

Position Overview: This project aims to build an interface between JPL’s Moon Trek and the telescope that is a commercially available for amateur astronomers including science educators, in order to allow for images from the telescope to be compared with MoonTrek’s data layers and tools.

Under the direct supervision of the Principal Investigator, the graduate student assistant (GA) will design, develop, and implement algorithms for the intended application – Telescope MoonTrek. In addition, the GA will be involved in reporting findings to the funding agency.

Essential Functions:

- Design, develop, and program algorithms for the MoonTrek.
- Prepares technical manuscripts and presentation slides.
- Describe the approach, corrects spelling, punctuation and grammar errors in drafts.

Requirements: The incumbent must be a current Cal State LA Student. **A completed Student Employment Application is required.** The incumbent must be fluent in C++ and Java programming and Plug-in Programming, Computer Graphics, and Image Processing. Excellent communication (oral and writing) skills. The incumbent must also demonstrate an interest and or ability in working in a multicultural/ multiethnic environment.

Preferred Qualifications: Familiarity with the JPL’s MoonTrek back-end and Amazon Cloud.

Review of applications/resumes will begin October 6, 2019 and will continue until the position is filled; however, the position may close when an adequate number of qualified applications are received. You may apply to: [uashr@cslanet.calstatela.edu](mailto:uashr@cslanet.calstatela.edu) or mail to: Cal State LA University Auxiliary Services Inc., 5151 State University Drive, GE 310, Los Angeles, CA 90032-8534

UAS hires only those individuals lawfully authorized to work in the United States. Americans with Disabilities (ADA) requested accommodations should be made in advance to the UAS Human Resources Department.

Cal State LA University Auxiliary Services, Inc. is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex including sexual orientation and gender identity, national origin, disability, protected Veteran Status, or any other characteristic protected by applicable federal, state, or local law

Student Employment Application:

[http://www.calstatela.edu/sites/default/files/groups/University%20Auxiliary%20Services%2C%20Inc./Employment/stu\\_dent\\_application.pdf](http://www.calstatela.edu/sites/default/files/groups/University%20Auxiliary%20Services%2C%20Inc./Employment/stu_dent_application.pdf)